



The Environmental Services Company

O.H.M. Materials Co.
P.O. Box 851
Findlay, Ohio 45840-0851
Phone (419) 423-2529

Analyst D. Hikata
Analysis PCB-1254
Method Number 608

SAMPLE	PCB (mg/kg)	1254 (mg/l)	Content	Detection Limit (mg/kg)
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Water Samples

4342 -	525	0.0448
	535	0.0120

Solid Samples (Uncorrected)

		% TS	Dry Weight Result	
4342 -	51	7,500	78.9	9,510
	55	48.9	94.7	51.6
	F 100	109	13.6	174.
	F 101	3.18	93.8	3.39
	F 102	6.35	92.0	6.82
	F 103	10.8	96.6	112.
	F 104	48.8	97.0	50.3
	SDX	9.41	14.1	14.7
	SD4	67.4	64.2	105.
	17X	1.81	57.6	3.14
	3Z	ND	29.7	NDL
	SD44	248	7,626.89	360.

OIL SAMPLES

		ug/100cm ²	Sump. Depth	
4342 -	52	1,120		
	53	783		
	54	311	1.15	105 ppm
	56	15,400	7.14	
	57	456	49.2	
	58	755	5.76	
	59	343	6.2	
	510	8,700	38.6	
	511	552	67.7	
	512	1090	30.3	
	513	1770	83.1	
	514	1600	13.2	
	515B	ND	6.64	
	516	373	46.6	
	517	423	ND	
	518	2,100	7.3	
	519	ND	ND	
	520	827	4.35	
	521	344	23.8	
	522	2,670	8.08	
	523	1710	12.7	
	526	263	13.9	
	527	504	12.0	
	528	313	6.44	
	529	131	110.0	
	530	346	9.66	
	532	4090	18.2	
	533	143	3.57	
	533B	32.4		
	534	113	7.83	

440219



LABORATORY DATA



D.M. Materials Co.
P.O. Box 881
Avon, Ohio 44214-0881
Phone (419) 423-3623

Job No. 4342 Date 5-6-87

Analyst D. H. Kuhn

Analysis PCB-1254

Method Number 600

SAMPLE	(MG/KG)	PCB - 1254 Content	Detection Limit (MG/KG)
OIL SAMPLES (4342)		µg/100cm ²	
4342- 536	149	5.26	
537	275	14.6	
538	ND	51.5	5
539	6.10	20.8	
540	51.9	3.7	
541	3,620	2.36	
542	297	12.4	
543	97	5.34	
544	593	25.5	360 ppm
545	275	13.4	
548	ND		5
- 13X	ND		5
1000	803		
1Z	ND		5
2Z	ND		5
4Z	ND		5
GL1	ND		5

CompuChem Laboratories, Inc.
GC/MS Analysis Log

IV-2

Initial Time of Tune 10:04 Shift(s) (A) (B) (C)
Time Tune Expires 22:04 Date 6/28/89
Analysis Type 8280

Run Log

REPORTER

CompuChem Laboratories, Inc.
GC/MS Analysis Log

Initial Time of Tune 10:14
Time Tune Expires 22:14

Shift(s) (A) 8 (B) 18 (C) 7
Date 8/18/87
Analysis Type 8280

REJECTED

Run Log

REPORTED

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	File Name	Date	Time	EPA I.D.	Case No.	Amount Injected	Operator	Tape No.	Disc. No.	COMMENTS (STD I.D., Lot #s, Disposition, Etc.)
1	✓ R 587080410655	8/14/87	8:08	200ng		2ul	643		11771	# 22672
2	✓ LTR70P0410655	8/14/87	9:31	200ng		2ul	643		11771	# 23672
3	✓ 5870804106	8/14/87	10:14	500ng		2ul	643		11771	# 22673
4	✓ LTR70804106	8/14/87	11:40	75ng		2ul	643		11771	# 23024
5	✓ LTR43805806	8/14/87	12:09	Blank #1	O.H.MAT	2ul	643		11771	5 Blank #1 (passed)
6	✓ LTR43805806	8/14/87	12:33	Blank #1	" "	2ul	643		11771	Blank #1 (failed)
7	✓ LTR43806406	8/14/87	13:09	Blank #2	" "	2ul	643		11771	Blank #2
8	✓ LTR43806406	8/14/87	13:58	Dual Column	Test	2ul	643		11771	Test sample
9	R 587080546	8/14/87	14:53	Blank #1		2ul	821		11771	BLANK
10	RCR10833406	8/14/87	.	692	04MAT	2ul	804		11771	
11	R 5870836406	8/14/87	15:33	185	" "	2ul	824		11771	OC Ant Spike
12	RCR140235206	8/14/87	16:32	692	" "	2ul	1095			
13	RCR140235206	8/14/87	17:03	Dsp	" "	2.0	1095			
14	RJLN1060	8/14/87	17:40	100.0/90.0	Test	2.0	1095			
15	RJRA090B06	8/14/87	18:23	100.0/90.0	Test	2.0	1095			RCRA CO 90 B06
16	RJRA090B06	8/14/87	18:57	50ng		2.0	1095			
17	RJRA090B06	8/14/87	19:43	10.0/10ng	Test	2.0	1095			split open
18	RJRA090B06	8/14/87	20:59	10.0/10ng	Test	2.0	1095			
19	RJRA090B06	8/14/87	20:59	10.0/10ng	Test	2.0	1095			
20	RJRA090B06	8/14/87	21:35	100.0ml	Test	2.0	1095			
21			:	:	:					
22			:	:	:					
23			X	:	:					
24			X	:	:					
25			X	:	:					
26			X	:	:					

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100% (14/18)



O.H. MORTON CO.
P.O. BOX 551
BOSTON, MASS. 02109-0551
PHONE (617) 423-3828

Spec No. _____
Analyst D. Nitah
Analysis PCB-1254
Method Number 608

SAMPLE	(mg/l)	B	1254	Content	Retention Limit (mg/kg)
525		0.0448	2448 ppm	<DL	
535		0.0120	720 ppm	<DL	
Sample (Microcels)					
51	1	7,500	78.9	4,510	8510 ppm
55		48.9	94.7	51.6	51.6
50	109	11.6	17.4		17.4
F	7.1	3.12	9.8		3.39
F	6.35	6.35	92.0		6.82
F	108	96.6			112
F	104	48.8	97.0		50.3
50X	9.41	14.1			66.7
D4	7.4	64.2	17.2		105
17X	811	57.4			3.19
32	ND	29.7	66.1		<DL
5044	748	748.9	36.0		360
52					
53		1,120			1120
54	3				783
56	1	0			311
57	4.5				15400
58	755				755
59	343				343
510	8700				8700
511	552				552
512	290				1090
513	770				1770
514	1600				1600
515B	ND				<DL <5 ppm
516	373				373
517	423				423
518	2100				2100
519	ND				ND
520	82.7				82.7
521	344				344
522	2670				2670
523	1110				1110
526	263				263
527	504				504
528	313				313
529	131				131
530	346				346
532	4090				4090
533	143				143
533B	32.4				32.4
34	113				113

LABORATORY DATA

Job No. 4542 Date 5-25-88



B.H. Materials Co.
P.O. Box 561
Dayton, OH 45439-0561
Phone 513-223-2528

Analyst D. H. K. L
Analyst PCB-1254
Method Number 605

SAMPLE

PCB-1254

Content

Detection
Limit

(ppm-116)

SAMPLE

TEST

(MG/KG)

TEST

TEST

536 149
537 275
538 ND
539 6.10
540 51.9
541 3,620
542 297
543 97
544 593
545 275
548 ND

149
275
ND
6.10
51.9
3,620
297
97
593
~~275~~ 92.1
ND

13X ND
1000 803
17 ND
22 ND
43 ND
GL1 ND

ND 661
803 634
ND
ND
ND
ND

5

5

5

5

5

5

5

JELM,

Syracuse @ LAB called with verbaLs

THESE ARE COMPOSITES

Comp 1 → C-1, 2, 3, 4, 5, C LESS THAN 2 PPM

Comp 2 → T-7, 8, 10, 11, 25, 26 Boron time 7 PPM

Comp 3 → S-1, 2, 3, 5, 6, 7, 8, 9, 10, 11 -1900 PPM

Comp 4 → S-12, 13, 14, 15A, 15B, 16, 17, 18, 19, 20 460 PPM

Comp 5 → S-33, 34, 35, 36, 37, 38, 39, 40, 41, 33B 650 PPM

Comp 6 → S-21, 22, 23, 25, 26, 27, 28, 29, 30, 32 1800 PPM

Comp 7 → S-42, 43, 44, 45, 48 560 PPM

Comp 8 → TAT 101 17 PPM

Comp 9 STILL Running 104, 105, 107

Comp 10 STILL Running^{47, 7} 28, 48, 30, 17, 29, 45, 24, 4

Do you want them run individually?

CALL RICHARD or CRAIG

C/U Tech Z - 3 people